

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 27866/36007A

PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

EM578443963U



Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Timothy J. Martins, Kerry W. Fowler, Joshua Odingo, Laurence E. Burgess, and
Stephen T. Schlachter

Title: CYCLIC AMP-SPECIFIC PHOSPHODIESTERASE INHIBITORS

1. Type of Application

- ☒ This is a new application for a
- ☒ utility patent.
- ☐ design patent.
- ☐ This is a continuation-in-part application of prior application no.

2. Application Papers Enclosed

- 2 Title Page
- 103 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
- 36 Page(s) of Claims
- 1 Page(s) of Abstract
- 0 Sheet(s) of Drawings (Figs. __ to __)
- ☐ Formal
- ☐ Informal
- 0 Page(s) of Sequence Listing

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **December 7, 2000**, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EM578443963US.


Richard Zimmermann

3. Declaration or Oath

- ☒ Enclosed
 - ☒ Executed by (check all applicable boxes)
 - ☒ Inventor(s)
 - ☐ Legal representative of inventor(s)
(37 CFR 1.42 or 1.43)
 - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
 - ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed.
See Item 5D below for fee.
- ☐ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Small Entity Status

- ☒ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ A small entity statement is(are) attached.

5. Additional Papers Enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ Return receipt postcard
- ☐ Other

6. **Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

☐ are attached.

☐ will follow.

COUNTRY	APPLICATION NO.	FILED

7. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$355.00		\$710.00
TOTAL	45 -20	= 25	X 9 =	\$225.00	X 18 =	\$
INDEP.	1 - 3	= 0	X 40 =	\$	X 80 =	\$
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 135 =	\$	+ 270 =	\$
Filing Fee:				\$580.00	OR	\$

B. ☐ **Design Application (\$160.00/\$320.00)** Filing Fee: \$ _____

C. ☐ **Plant Application (\$245.00/\$490.00)** Filing Fee: \$ _____

D. **Other Fees**

☐ Recording Assignment [Fee -- \$40.00 per assignment] \$ _____

☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee -- \$130.00] \$ _____

☐ Other \$ _____

Total Fees Enclosed \$580.00

8. Method of Payment of Fees

- ☒ Enclosed check in the amount of: \$580.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$ _____
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

9. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

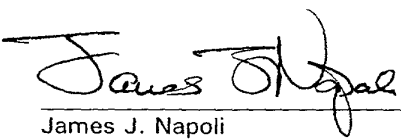
10. Correspondence Address

Customer No.: 04743

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,
MURRAY & BORUN
6300 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606-6402
(312) 474-6300
(312) 474-0448 (Telefacsimile)

By:


James J. Napoli
Reg. No. 32,361

December 7, 2000

New Patent Application for:

Timothy J. Martins, Kerry W. Fowler,
Joshua Odingo, Laurence E. Burgess,
and Stephen T. Schlachter

For: CYCLIC AMP-SPECIFIC PHOSPHODIESTERASE INHIBITORS

Mailing Certification for:

Patent application with executed
Declarations

Attorney Docket No. 27866/36007A

"EXPRESS MAIL" mailing label No. EM578443963US

Date of Deposit:

December 7, 2000

I hereby certify that this paper (or fee) is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C., 20231.


Richard Zimmermann

40077454-024500

02-19-02

A

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 27866/38184

TO
c879 U.S.
10/077154
02/15/02

CONTINUING APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a request under 37 CFR 1.53 for filing a


- ☒ continuation application.
☐ divisional application.

1. Particulars of Prior Application

Application Serial No: 09/731,591
Filed on: December 7, 2000
Title: CYCLIC AMP-SPECIFIC PHOSPHODIESTERASE
INHIBITORS
Art Unit: 1626
Examiner: Ebenezer Sackey
Prior Docket No.: 27866/36007A

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Continuing Application Transmittal Under 37 CFR 1.53(b) and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **February 15, 2002**, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV027099468US.


Richard Zimmermann

2. This request is filed by:

1. Full Name of Inventor	Family Name Martins	First Given Name Timothy	Second Given Name J.
Residence & Citizenship	City Bothell	State or Foreign Country Washington	Country of Citizenship United States of America
Post Office Address	Post Office Address 3115 209th Street SE	City Bothell	State & Zip Code/Country Washington/98021

2. Full Name of Inventor	Family Name Fowler	First Given Name Kerry	Second Given Name W.
Residence & Citizenship	City Seattle	State or Foreign Country Washington	Country of Citizenship United States of America
Post Office Address	Post Office Address 747 North 66th Street	City Seattle	State & Zip Code/Country Washington/98103

3. Full Name of Inventor	Family Name Odingo	First Given Name Joshua	Second Given Name
Residence & Citizenship	City Bothell	State or Foreign Country Washington	Country of Citizenship Kenya
Post Office Address	Post Office Address 20415 Bothell-Everett Hwy #G201	City Bothell	State & Zip Code/Country Washington/98021

- ☐ This application is being filed by less than all the inventors named in the prior application. An accompanying statement requests deletion of the name(s) of the person(s) who are not inventors of the invention being claimed in this application.

4. Full Name of Inventor	Family Name Burgess	First Given Name Laurence	Second Given Name E.
Residence & Citizenship	City Boulder	State or Foreign Country Colorado	Country of Citizenship United States of America
Post Office Address	Post Office Address 5562 High Country Ct.	City Boulder	State & Zip Code/Country Colorado/80301

5. Full Name of Inventor	Family Name Schlachter	First Given Name Stephen	Second Given Name T.
Residence & Citizenship	City Boulder	State or Foreign Country Colorado	Country of Citizenship United States of America
Post Office Address	Post Office Address 3151 11th Street	City Boulder	State & Zip Code/Country Colorado/80304

6. Full Name of Inventor	Family Name	First Given Name	Second Given Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	Post Office Address	City	State & Zip Code/Country

3. **Amendments**

- ☐ Amend the specification by inserting before the first line the sentence:
--This is a ____ of U.S. application Serial No. __, filed __.--
- ☐ Cancel claims ____ in the prior application before calculating the filing fee.
- ☒ A Preliminary Amendment is enclosed.
- ☒ The filing fee is based upon entry of the foregoing amendment(s) (if any).

4. **Copy of Prior Application**

The enclosed is a copy of the prior complete application, including the specification (with claims), drawings, the oath or declaration, and any amendments referred to in the oath or declaration filed to complete the prior application.

5. **Incorporation By Reference**

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under paragraph 4, above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. **Priority**

- ☐ Priority of application No. _____, filed on _____ in _____ is claimed under 35 USC 119.
- ☐ The certified copy(ies) was(were) filed in prior U.S. application Serial No. _____.
- ☐ The certified copy(ies) has(have) not been filed.

7. **Assignment**

- ☒ The prior application is assigned of record to ICOS Corporation, and has been recorded at Reel No. 11572, Frame No. 0723.

8. **Small Entity Status**

- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ A small entity statement is(are) attached.

9. Application to Be Published

☒ Yes.

☐ No. A Request and Certification Under 35 U.S.C. §122(b)(2)(B)(i) is attached.

10. Fee Calculation

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$370.00		\$740.00
TOTAL	6 -20	= 0	X 9 =	\$	X 18 =	\$
INDEP.	3 - 3	= 0	X 42 =	\$	X 84 =	\$
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 140 =	\$	+ 280 =	\$
Filing Fee:				\$	OR	\$740.00

11. Method of Payment of Fees

☒ Attached is a check in the amount of: \$740.00

☐ Charge Deposit Account No. 13-2855 in the amount of: \$ _____
A copy of this Transmittal is enclosed.

12. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun at the address below.

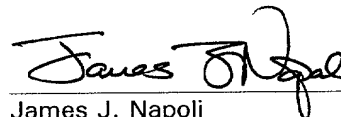
13. Correspondence Address

Customer No.: 04743

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN
6300 Sears Tower
233 South Wacker Drive
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(312) 474-6300
(312) 474-0448 (Telefacsimile)

By:



James J. Napoli
Reg. No. 32,361

February 15, 2002